

Appl. No. 10/561,755
Amdt. dated November 10, 2009

Reply to Office Action of August 10, 2009
Attorney Docket 18211

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. -5. (canceled)

6. (currently amended) A construction machine comprising:

a frame;

a first boom component, having a first end rotatably mounted to ~~[[a]]~~ the frame of the machine;

a second boom component, articulated to ~~[[the]]~~ a second end of the first boom component by a bearing; the bearing having a bearing tube having an internal and external diameter; a pin extending in the direction of a swiveling axis of the bearing and borne in the bearing tube, wherein the pin has outer ends protruding from the ends of the bearing tube; a third component borne on at least one outer end of the pin,

the external diameter of the bearing tube is greater than ~~[[the]]~~ an external diameter of the pin; and

the first component and the second component are both borne alongside each other on the external diameter of the

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bearing tube, the third component is configured to selectively transmit transmits a force to the pin for rotating the first and second boom components, the third component being ~~and is~~ rotatable with respect to the pin and the first and second boom components.

7. (currently amended) The construction machine of claim 6, further comprising: a first set of bearing points on the first boom component located in contact with the middle of the bearing tube; a second set of bearing points of the second boom component located immediately outside of adjacent to the bearing points of the first boom component, and wherein the bearing points of both the first and second boom component being slidable ~~can slide~~ on the external diameter of the bearing tube.
8. (original) The construction machine of claim 7 wherein, the bearing points of the first and second components are fitted with guide bushings.
9. (currently amended) The construction machine of claim 6 wherein, the second boom component is inserted over the

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first boom component such that the second boom component is supported by and moves with the first boom component, the second boom component having a first pivotal connection at the bearing with the first boom component and third component having an adjustment cylinder and a second pivotal connection connected to a second adjustment cylinder, wherein the second boom component is rotatable with respect to the first boom component and pin by movement of either cylinder.

10. (currently amended) The construction machine of claim 6 wherein, the third component is an adjustment cylinder;
the first end of the first boom component rotatably mounted by a pivotal connection to the frame of the machine;
and
the cylinder configured for selectively transmitting a force to the pin through a connected boss for rotating the first boom component with respect to the pivotal connection and rotationally displacing the bearing with respect to the pivotal connection, the displacement of the bearing rotating the second boom component with respect to the pin and first boom component.

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11. (original) The construction machine of claim 6, wherein an external diameter of a mid-section of the pin is less than an external diameter at either end of the pin.

12. (original) The construction machine of claim 6, wherein a ring having a locking connector is inserted over both ends of the pin and maintains the axial alignment of the components located therebetween.

13. (new) The construction machine of claim 10, wherein the machine is a wheeled or crawler track excavator, wherein wheels or crawler track are connected to the frame.